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FORM PTO-IÆ
INFORMATION DISCLOSSIE STATEMENT
T. COLLARS.

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EXAMINER

ATTY. DOCKET NO.	APPLICATION NO.
18528.642	10/643,681
APPLICANTS	
Orville G. KOLTERMAN et	al.
FILING DATE	GROUP
August 18 2003	1645 1639

Orville G. KOLTERMAN et al.

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August 18, 2003

U.S. PATENT DOCUMENTS

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M	AAl	5,124,314	6/1992	Cooper			
1	ABI	5,166,192	11/1992	Mathias			
	ACI	5,175,145	12/1992	Cooper			
	ADl	5,187,154	2/1993	Phillips et al.	,		
	AE1	5,234,906	8/1993	Young et al.	. /		-
	AF1	5,260,275	11/1993	Cooper et al.			
	AGl	5,264,372	11/1993	Beaumont et al.			
	AHl	5,266,561	11/1993	Cooper et al.	·		
	AII	5,281,581	1/1994	Cooper et al.			
	AJI	5,367,052	11/1994	Cooper et al.			
	AK1	5,376,638	12/1994	Young et al.			
	ALl	5,580,953	12/1996	Albrecht et al.			
	AM1	5,686,411	11/1997	Gaeta et al.	7	/	, .
20	ANI	6,114,304	9/2000	Kolterman et al.			
				FOREIGN PATENT DOCUMENTS			
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M	ANI	0 289 287 A2	11/1988	Europe			Yes No
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				FOREIGN PATENT DOCUMENTS			
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M	ANI	0 289 287 A2	11/1988	Europe			Yes No
	AOI	93/10146	5/1993	PCT			Yes No
	AP1	93/10147	5/1993	PCT			Yes No
W	AQI	92/20367	11/1992	PCT		,	Yes No

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AR1 Alam et al., "Selective Antagonism of Calcitonin-induced Osteoclastic Quiescence (Q Effect) by Human Calcitonin Gene-Related Peptide-(Val⁸Phe³⁷)", <u>Biochem. Biophys. Res. Commun.</u>, 179(1):134-139 (1991)

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M	AA3	Cooper et al., "Purification and Characterization of a Peptide from Amyloid-Rich Pancreases of Type 2 Diabetic Patients", Proc. Natl. Acad. Sci. USA, 84:8628-8632 (1987)
,	AB3	Cooper et al., "Amylin Found in Amyloid Deposits in Human Type 2 Diabetes Mellitus May be a Hormone that Regulates Glycogen Metabolism Skeletal Muscle", Proc. Natl. Acad. Sci. USA, 85:7763-7766 (1988)
	AC3	Cooper et al., "The Amylin Superfamily: A Novel Grouping of Biologically Active Polypeptides Related to the Insulin A-Chain", Progress in Growth Factor Research, 1:99-105 (1989)
	AD3	Cooper et al., "Amylin and the Amylin Gene: Structure, Function and Relationship to Islet Amyloid and to Diabetes Mellitus", Biochem. Biophysica Acta., 1014:247-258 (1989)
	AE3	Cooper et al., "Amylin Action: Physiologic Basis and Pathologic Correlations", Diabetes, 497-500 (1991)
	AF3	Cotroneo et al., "Gastric Emptying Rate and Hormonal Response in Type II Diabetics", <u>Diabetes Res.</u> , 17:99-104 (1991)
	AG3	Daniel et al., "Use of Glucagon in the Treatment of Acute Diverticulitis", Br. Med. J., 3:720 (1974)
	АН3	Dao et al., "Lack of Modulation of Gastric Emptying by Acute Hyperglycemia in Type 2 Diabetes Mellitus", Gastroenterology, 98:A342 (1990)
	AI3	Deems et al., "Amylin or CGRP (-37) Fragments Reverse Amylin-Induced Inhibition of ¹⁴ C-Glycogen Accumulation", Biochem. Biophys. Res. Comm., 181(1):116-120 (1991)
	AJ3	Eisenberg et al., "Synchronous Gastric Motor and Secretory Activity in Normal and Diabetic Dogs: The importance of Variation in Blood Sugar Levels", <u>Bulletin de la Societe Internationale de Chirurgie</u> , 3:191-198 (1972)
	AK3	Feldman et al., "Abnormal Gastric Function in Longstanding, Insulin-Dependent Diabetic Patients", Gastroenterology, 77:12-17 (1979)
M	AL3	Feldman et al., "Disorders of Gastrointestinal Motility Associated with Diabetes Mellitus", Ann. Int. Med., 98:378-384 (1983)
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[4	h (AA4	Feldman et al., "Gastric Emptying of Patients", Gastroenterology, 87:895-	Solid Radiopaque Markers: Studies i 902 (1984)	n Healthy Subjects and Diabetic		
		AB4	Follett et al., "Effect of Amylin on Ir 39(1):39A (1991)	nsulin Receptor Kinase Activity <i>In Viv</i>	o in the Rat", Clinical Research,		
		AC4	Forster and Dockray, "Immunoneutra emptying in the rat", Neurosci. Lett.,	alization suggests that calcitonin gene	related peptide regulates gastric		
		AD4	Franken et al., "The Use of Glucagor Patients", <u>Radiology</u> , 146:687 (1983)	n in Hydrostatic Reduction of Intussus)	ception: A Double-Blind Study of 30		
		AE4	Fraser et al., "Hyperglycaemia slows Diabetologia, 33:675-680 (1990)	gastric emptying in Type 1 (insulin-d	ependent) diabetes mellitus",		
		AF4	Fraser et al., "Hyperglycaemia Stimu	elates Pyloric Motility in Normal Subje	ects", <u>Gut</u> , 32:475-478 (1991)		
		AG4	Fraser et al., "Effect of Insulin-Induc Subjects", Clin. Sci., 81:281-285 (19	red Hypoglycaemia in Antral, Pyloric a	and Duodenal Motility in Fasting		
		АН4	Frontoni et al., "In Vivo Insulin Resi Glycogen Synthesis in Skeletal Musc		hrough Inhibition of Insulin-Stimulated		
		A14	Gaber et al., "Changes in Gastric Em <u>Dig. Dis.</u> , 9:437-443 (1991)	ptying in Recipients of Successful Co	mbined Pancreas-Kidney Transplants",		
		Galeazza et al., "Islet Amyloid Polypeptide (IAPP) Competes for Two Binding Sites of CGRP", Peptides, 12:585 591 (1991)					
		AK4	Gardiner et al., "Antagonistic Effect of Human α-Calcitonin Gene-related Peptide (8-37) on regional Hemodynamic Actions of Rat Islet Amyloid Polypeptide in Conscious Long-Evans Rats", <u>Diabetes</u> , 40:948-951 (1991)				
N.	Gedulin et al., "Amylin Secretion from the Perfused Pancreas: Dissociation from Insulin and Abnormal Elevati in Insulin-Resistant Diabetic Rats", Biochem. Biophys. Res. Commun., 180(2):782-789 (1991)						
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		OTHER (Including A	Author, Title, Date, Pertinent Pages, etc.)			
MO	AA5	Gilbey et al., "Amylin Lowers Serum Metabolism", J. Bone Mineral Res., S	n Calcium in Pagets Bond Disease Furth S293 (1991)	ner Evidence for a Role in Calcium		
	AB5	Gill et al., "Effects of Ciglitazone on Obese-Diabetic Viable Yellow Mice'	Endogenous Plasma Islet Amyloid Poly, Life Sciences, 48:703-710 (1991)	ypeptide and Insulin Sensitivity in		
	AC5	Glauser et al., "Intravenous Glucagor Emergency Physns., 8:228 (1979)	n in the Management of Esophageal Foo	od Obstruction", <u>J. Am. Coll.</u>		
	AD5	Gomez-Foix et al., "Anti-Insulin Effe Glycogenmetabolism", <u>Biochem. J.</u> ,	ects of Amylin and Calcitonin-Gene-Re 276:607-610 (1991)	lated Peptide on Hepatic		
	AE5	Goodman and Gilman's The Pharmac (1990)	cological Basis of Therapeutics, Chapte	r 38, Pergamon Press, Eighth Edition		
	AF5	Hartter et al., "Basal and Stimulated Humans", <u>Diabetologia</u> , 34:52-54 (19	Plasma Levels of Pancreatic Amylin Inc 991)	dicate its Co-Secretion with Insulin in		
	AG5	Horowitz et al., "Gastric and Oesoph Mellitus", <u>Diabetologia</u> , 32:151-159	ageal Emptying in Patients with Type 2 (1989)	(Non-Insulin-Dependent) Diabetes		
	AH5	Horowitz et al., "Disordered Gastric (1991)	Motor Function in Diabetes Mellitus", §	Scand. J. Gastroenterol., 26:673-684		
,	AI5	Horowitz et al., "Relationships Betw. Mellitus", Eur. J. Nucl. Med., 18:229	een Oesophageal Transit and Solid and 9-234 (1991)	Liquid Gastric Emptying in Diabetes		
	AJ5	Horowitz et al., "Relationship Betwe Subjects", <u>Diabetologia</u> , 36:857-862	en Oral Glucose Tolerance and Gastric (1993)	Emptying in Normal Healthy		
	AK5	Horowitz et al., "Disordered Gastric Motor Function in Diabetes Mellitus", <u>Diabetologia</u> , 37:543-551 (1994)				
MU	AL5	Huang et al., "Hyperamylinemia, Hy Hypertension, 19:I-101-I-109 (1992)	perinsulinemia, and Insulin Resistance	in Genetically Obese LA/N-cp Rats",		
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	AA6	"Introduction to Cleavage Technique	es", Strategies in Peptides Synthesis, Ap	plied Biosystems, Inc. (1990)	
	АВ6	Isal et al., "Gastric Emptying of Soli	d Radiopague Markers in Diabetic Patie	ents", <u>Gastroenterology</u> , 88:1094 (1985)	
	AC6	Janssens et al., "Improvement of Gas 322:1028-1031 (1990)	stric Emptying in Diabetic Gastroparesi	s by Erythromycin", N. Engl. J. Med.,	
	AD6	Jonderko et al., "Calcitonin Suppress Pharmacol., 24:103-105 (1987)	ses Gastric Emptying of a Radiolabelled	Solid Meal in Humans", <u>Br. J. Clin.</u>	
	AE6	Jonderko et al., "Effect of Calcitonin	on Gastric Emptying", <u>Digestion,</u> 40:1	91-196 (1988)	
	AF6	Jonderko, "Effect of Calcitonin on G (1989)	iastric Emptying in Patients with an Act	ive Duodenal Ulcer", <u>Gut</u> , 30:430-435	
	AG6	Kanatsuka et al., "Secretion of Islet al. (1989)	Amyloid Polypeptide in Response to Gl	ucose", <u>FEBS Lett.</u> , 259(1):199-201	
	АН6		in Gene Related Peptides (CGRP), Calc lity of Guinea Pig and Rat", <u>Regul. Pep</u> t		
	AI6	Keshavarzian et al., "Gastric Emptyi 82:29-35 (1987)	ing in Patients with Insulin-Requiring D	iabetes Mellitus", Am. J. Gastroent.,	
	AJ6	Koda et al., "Amylin Concentrations	s and Glucose Control", The Lancet, 339	9:1179-1180 (1992)	
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MC	- AA7	Koopmans <i>et al.</i> , "Amylin Induced <i>li</i> Amylin than Peripheral Tissues", <u>Dia</u>	n Vivo Insulin Resistance in Conscious abetologia, 34:218-224 (1991)	Rats: The Liver is More Sensitive to	
Ì	AB7	Leighton and Cooper, "Pancreatic Ar Skeletal Muscle In Vitro", Nature, 33	mylin and Calcitonin Gene-Related Pep 35:632-635 (1988)	tide Cause Resistance to Insulin in	
	AC7	Lenz, "Calcitonin and CGRP Inhibit Soc'y, G920-G924 (1988)	Gastrointestinal Transit Via Distinct No	euronal Pathways", <u>Am. J. Physiol.</u>	
	AD7	Lin et al., "Gastric Emptying of Solid (1987)	d Meal in Diabetic Patients", <u>Nippon Sh</u>	okakigyo Gakkai Zasshi, 84:1-5	
	AE7	Loo et al., "Gastric Emptying in Pati	ents with Diabetes Mellitus", <u>Gastroent</u>	erology, 86:485-494 (1984)	
	AF7	Lupien and Young, "No Measurable from Rates", <u>Diabetes Nutrition and</u>	Effect of Amylin on Lipolysis in Either Metabolism - Clinical and Experimenta	White or Brown Isolated Adipocytes 1, 6:13-18 (1993)	
	AG7	MacGregor et al., "The Effect of Act 196 (1976)	ute Hyperglycemia on Gastric Emptying	g in Man", Gastroenterology, 70:190-	
	АН7	McCallum et al., "Definition of a Ga Diseases and Sciences, 30(8):713-72	stric Emptying Abnormality in Patients 2 (1985)	with Anorexia Nervosa", Digestive	
	AI7	Mecklenbeck et al., "Gastric Emptyin Euro. J. Nucl. Med., 18:FP-3H3-1 (1	ng in Diabetic Neuropathy: Two Differ	ent Forms of Disturbed Kinetics",	
	AJ7 Moberg & Carlberger, "Gastric Emptying in Healthy Subjects and in Patients with Various Malabsorptive State Scand. J. Gastroent., 9:17-21(1973)				
	AK7 Molina et al., "Induction of Insulin Resistance In Vivo by Amylin and Calcitonin Gene-Related Peptide", Diabet 39:260-265 (1990)				
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11)		AA8	Moore et al., "Co-Secretion of Amyl Secretagogues, Islet Hormones and F	in and Insulin From Cultured Islet β-Ce Hypoglycemic Agents", <u>Biochem. Bioph</u>	lis: Modulation by Nutrient lys. Res. Commun., 179(1):1-9 (1991)		
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	,	AD8	Nowak et al., "Evidence for Accelera Diabetes Mellitus", Gastroenterology	ated Gastric Emptying in Asymptomatic 2, 98:A378 (1990)	Patients with Insulin-Dependent		
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	.,	AG8	Pehling et al., "Abnormal Meal Carb 991 (1984)	ohydrate Disposition in Insulin-Depend	ent Diabetes", <u>J. Clin. Invest.</u> , 74:985-		
		АН8	Phillips et al., "Rapid Gastric Empty J. Med., 10:130-131 (1991)	ing in Patients with Early Non-Insulin-E	Dependent Diabetes Mellitus", N. Eng.		
	Phillips et al., "Rapid Gastric Emptying of an Oral Glucose Solution in Type 2 Diabetes Mellitus", J. Nucl. N 33:1496-1500 (1992)						
		AJ8	Phillips et al., "Reduced Postprandial Blood Glucose Levels in Recently Diagnosed Non-Insulin-Dependent Diabetics Secondary to Pharmacologically Induced Delayed Gastric Emptying", <u>Digestive Diseases and Sciences</u> , 38:51-58 (1993)				
		AK8	Plourde et al., "CGRP 8027 Blocks the Inhibition of Gastric Emptying Induced by Intravenous Injection of α-CGRP in Rats", <u>Life Sciences</u> , 52:857-862 (1993)				
No	AL8 Raybould et al., "Central Nervous System Action of Calcitonin Gene-Related Peptide to Inhibit Gastric Emptyin in the Conscious Rat", Peptides, 9:735-739 (1988)						
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	АВ9	Roden et al., "Effects of Islet Amyloid Polypeptide on Hepatic Insulin Resistance and Glucose Production in the Isolated Perfused Rat Liver", <u>Diabetologia</u> , 35:116-120 (1992)					
	AC9	Saltzman and McCallum, "Diabetes and the Stomach", Yale J. Biol. Med., 56:179-187 (1983)					
	AD9	Sambrook et al., "Molecular Cloning A Laboratory Manual", Second Edition, Cold Spring Harbor Laboratory Press, TABLE OF CONTENTS (1989)					
	AE9	Sanke et al., "Plasma Islet Amyloid Polypeptide (Amylin) Levels and Their Responses to Oral Glucose in Type 2 (Non-Insulin-Dependent) Diabetic Patients", <u>Diabetologia</u> , 34:129-132 (1991)					
	AF9	Scarpello et al., "Gastric Emptying of Solid Meals in Diabetics", British Medical Journal, 2:671-673 (1976)					
	AG9	Schvarcz et al., "Hypoglycaemia Increases the Gastric Emptying Rate in Patients with Type 1 Diabetes Mellitus", Diabetic Medicine, 10:660-663 (1993)					
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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT				APPLICANTS			
				Orville G. KOLTERMAN et al.			
				FILING DATE	GROUP		
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\		AB10	Wang, "Parenteral Formulations of Proteins and Peptides: Stability and Stabilizers", <u>Journal of Parenteral Science</u> and <u>Technical</u> , Technical Report No. 10, Supp. 42:2S (1988)				
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		ан10	Young et al., "Effects of Amylin on Glucose Metabolism and Glycogenolysis In Vivo and In Vitro", Am. J. Physiol., 259:E-457-E461 (1983)				
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